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THORNTON CLEVELEYS
URBAN DISTRICT COUNCIL



ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
AND
CHIEF PUBLIC HEALTH INSPECTOR
FOR THE YEAR
1960.



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THORNTON CLEVELEYS
URBAN DISTRICT COUNCIL.

HEALTH COMMITTEE - 1960.

CHAIRMAN: Councillor MISS E. PORTER, J.P.

VICE-CHAIRMAN: Councillor A.L.SIMPSON.

Councillor C.R.ASHWORTH.

Councillor MRS I. CASS.

Councillor MRS I.I.FREEBAIRN.

Councillor A. GRIMSHAW.

Councillor A. HAMPSON.

Councillor H. TRUEMAN.

CHAIRMAN OF THE COUNCIL:

COUNCILLOR T. F. EATON, J.P.

PUBLIC HEALTH OFFICERS.MEDICAL OFFICER OF HEALTH:

CHARLES ROBERTSON WILSON, M.B., Ch.B., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR
AND CLEANSING OFFICER:

ARTHUR EDWARD BARNES, M.R.S.H., M.P.H.I.A., M.I., P.C.
(Certified Meat and Food Inspector).

STAFF.TECHNICAL:

Public Health Inspector: KENNETH E. EMERY.
M.R.S.H., M.P.H.I.A.

Technical Assistant: JEFFREY HILL.

CLERICAL:

Chief Clerk: MISS S. A. SIMCOCK.

Clerk: JOHN S. SHEDWICK.

MEDICAL OFFICER'S REPORT.

Council Offices,
THORNTON CLEVELEYS.

To the Chairman and Members of the
Thornton Cleveleys Urban District Council.

Mr.Chairman, Ladies and Gentlemen,

I have the honour to present to you the Annual Report on the work of the Health Department for the year 1960.

During the period there was no occurrence of great importance. Vital Statistics showed little change, the Birth Rate and Infantile Mortality Rate being almost identical with those for 1959. The Death Rate was slightly reduced. Thornton Cleveleys, in common with the Fylde area generally, appears to encourage longevity; the deaths in the age group over 65 were almost exactly four times those in all the under 65 age groups put together. Of the five deaths of Infants under one year, all occurred within the first month and four of the five within the first week of life. All these five suffered from congenital malformations of one type or another.

Three cases of Pulmonary Tuberculosis occurred during the year - one male and one female in the Under 20 age group and one female over 45. There were 4 deaths. Non-Pulmonary Tuberculosis is now rare thanks largely to the fact that our milk supply is either "farm bottled tuberculin tested" or "pasteurised". Other notifiable infectious disease was small in amount, Measles during the second half of the year being the most prominent.

My thanks are due to Mr.Barnes for his ever-ready co-operation and to yourself, Mr.Chairman and the members of the Health Committee.

Yours faithfully,

C. ROBERTSON WILSON.

Medical Officer of Health.

VITAL STATISTICS.

Home Population(Registrar-General's Estimate,
mid-1960)..... 18,540

<u>LIVE BIRTHS:</u>	<u>M.</u>	<u>F.</u>	<u>Total</u>
Legitimate.....	136	123	259
Illegitimate.....	3	3	6
	<u>139</u>	<u>126</u>	<u>265</u>

Live Birth Rates per 1,000 of Population:-

Crude Rate..... 14.3
Adjusted Rate..... 15.0

Illegitimate live births per cent of
total live births..... 2.26

<u>DEATHS(ALL CAUSES):</u>	<u>M.</u>	<u>F.</u>	<u>Total</u>
Number registered.....	157	140	297
Death Rate per 1,000 of Population:			
Crude Rate.....			16.0
Adjusted Rate.....			14.4

<u>STILLBIRTHS:</u>	<u>M.</u>	<u>F.</u>	<u>Total</u>
Legitimate.....	1	5	6
Illegitimate.....	-	-	-
	<u>1</u>	<u>5</u>	<u>6</u>

Rate per 1,000 total births..... 22.1

MATERNAL MORTALITY:

Number of deaths registered..... Nil
Maternal Mortality Rate per 1,000
Total Births..... Nil

INFANT MORTALITY:

	<u>M.</u>	<u>F.</u>	<u>Total</u>
Number of deaths registered(under 1 year)	3	2	5
Rate per 1,000 Live Births.....			18.9
Rate per 1,000 Live Births(Legitimate)			18.9
Rate per 1,000 Live Births (Illegitimate)...			Nil

NEO-NATAL:

	<u>M.</u>	<u>F.</u>	<u>Total</u>
Number of deaths registered(under 4 weeks).....	3	2	5
Rate per 1,000 Live Births.....			18.9
Number of deaths registered(under 1 week).....	2	2	4
Rate per 1,000 Live Births.....			15.1

VITAL STATISTICS - CONTINUED.

	PER 1,000 OF ESTIMATED POPULATION.				Maternal Mortality Rate.	Infantile Mortality Rate.
	Live Birth Rate. (Crude).	Crude Death Rate.	Death Rate from Tuberculosis of respiratory system.	Death Rate from Cancer.	Per 1,000 Live Births.	Per 1,000 Live Births.
<u>MEAN OF 5 YEARS:</u> 1955-1959. 1959. 1960.	12.2 14.7 14.3	17.06 18.00 16.00	0.07 1.06 0.22	2.67 3.04 2.64	Nil. Nil. Nil.	28 19 19
	<u>INCREASE OR DECREASE IN 1960 ON 5 YEARS' AVERAGE:</u>					
	+ 2.1	-1.06	+0.15	-0.03	Nil.	- 9
<u>ON PREVIOUS YEAR:</u> 1959.	- 0.4	-2.0	-0.84	-0.40	Nil.	Same.

1960 - Adjusted Birth Rate(Comparability factor 1.05) = 15.0
 1960 - Adjusted Death Rate(Comparability factor 0.90) = 14.4

BIRTH, DEATH & INFANTILE MORTALITY RATES (ADJUSTED):

<u>Year.</u>	<u>Birth Rate.</u>	<u>General Death Rate.</u>	<u>Infantile Mortality Rate.</u>
1955	12.1	11.6	46
1956	14.5	12.6	37
1957	13.9	13.3	16
1958	16.0	13.4	22
1959	15.9	15.8	19
1960	15.0	14.4	19

STATISTICAL SUMMARY.

Area in statute acres.....	3,355
Population(1951 Census).....	15,437
Population(Estimated mid-1960).....	18,540
Density of Population per acre.....	5.5
Estimated number of inhabited houses(December,1960)	7,485
Average number of persons per house.....	2.4
Rateable Value.....	£328,775
Sum represented by a Penny Rate.....	£1,520
Live Births.....	265
Live Birth rate per 1,000 Population(adjusted).....	15.0
Still Births.....	6
Still Birth Rate per 1,000 live and still births...	22.1
Total live and still births.....	271
Infant deaths(under 1 year).....	5
Infant mortality rate per 1,000 live births(total).	18.9
Infant mortality rate per 1,000 live births (legitimate).....	18.9
Infant mortality rate per 1,000 live births (illegitimate).....	Nil
Neo-Natal mortality rate per 1,000 live births (first 4 weeks).....	18.9
Early neo-natal mortality rate per 1,000 live births.....	15.1
Perinatal mortality rate per 1,000 total births....	36.9
Illegitimate live births per cent of total live births.....	2.26
Maternal deaths(including abortion).....	Nil
Maternal mortality rate per 1,000 live and still births.....	Nil
Respiratory Tuberculosis Rate per 1,000 Population.	0.22
Cancer Death Rate(Malignant Neoplasm).....	2.64
Influenza Death Rate.....	Nil
Pneumonia(all forms) death rate.....	0.38
Other Respiratory diseases(all forms).....	0.54

LOCAL ACTS IN FORCE IN THE DISTRICT
DEALING WITH SANITARY ADMINISTRATION.

Thornton Urban District Council Act.....	31st July, 1923
Thornton Cleveleys Improvement Act.....	31st July, 1936
Lancashire County Council(General Powers)Act.....	1951

BYE-LAWS.

New Streets and Buildings.....	1926 & 1937
Building Bye-Laws(Public Health Act,1936).....	1954
Pleasure Grounds.....	1938
Bye-Laws under Sec.15. Food & Drugs Act,1938.....	1950
Bye-Laws under Sec.81. Public Health Act,1936.....	1951
Bye-Laws under Sec.61. Public Health Act,1936 & Sec.24,Clean Air Act,1956...	1959

PHYSICAL FEATURES AND GENERAL CHARACTER OF THE DISTRICT.

By the Lancashire(Central and Western Areas) Review Order,1934, a part of the Township of Carleton, containing 354 acres, was added to the Urban District on the 1st April, 1934. The district is bounded on the West by the Irish Sea; on the East by the River Wyre; on the North by the Borough of Fleetwood and on the South by the County Borough of Blackpool.

GEOLOGY.

The general sub-soil of the district is clay which is overlaid with a thick layer of alluvial deposit (blue silt), varying in thickness from four to eight feet. On top of this is a thin layer (about four inches) of peaty matter. This was found in considerable thickness in Butts Road(North Ward) and also in Fleetwood Road (East Ward). On top of this again is a layer of sandy soil or a mixture of soil and clay, varying in thickness from two and a half feet to four feet. The surface covering is about six inches in thickness. From above downwards we get: (1) surface covering, (2) mixture of soil and clay or sandy soil, (3) peat, (4) blue silt, (5) boulder clay.

CLIMATE.

The prevailing wind is a westerly sea breeze and together with the usually mild winters, produces a temperate and very bracing climate.

AREA AND DETAILS OF POPULATION.

As previously mentioned, the area of Thornton Cleveleys was increased by the inclusion of a part of the Parish of Carleton, on the 1st April,1934, the total area now being given as 3,355 acres.

The average number of persons per acre is 5.5.

WARD BOUNDARIES.

The Ward Boundaries were altered during 1958 and came into operation in May, 1959. The new Wards are as follows:-

NORTH WARD - This is the industrial area of the district and has within its boundaries the Works of the Imperial Chemical Industries, Ltd. It is bounded on the North by the Borough of Fleetwood; on the West by the Eastern boundaries of South and West Wards; on the East by the River Wyre and on the South by the Northern boundary of East Ward.

The number of houses in North Ward is 1,768.

SOUTH WARD - The Western boundary is the sea front and the Eastern boundary is the Western boundaries of North and East Wards. The Southern boundary is the Borough of Blackpool. It is flat in character and contains a large residential area and also many hotels and boarding houses. The number of houses in South Ward is 1,559.

EAST WARD - This is the agricultural area of the district and also includes part of the added area. Its boundaries adjoin the North and South Wards; the River Wyre and the Urban District of Poulton-le-Fylde.

The number of houses in East Ward is 2,226.

WEST WARD - This Ward is bounded on the North by the Borough of Fleetwood; on the West by the sea front; on the East by the Western boundary of North Ward and on the South by the Northern boundary of South Ward. This Ward also is residential but contains many boarding houses and private hotels.

The number of houses in West Ward is 1,932.

SOCIAL CONDITIONS, INDUSTRIES, ETC.

During the last few years, the Cleveleys portion of the district has rapidly developed as a seaside holiday resort and with the additional amenities now provided, together with the activities of private builders, the district as a whole has greatly benefited.

The largest employers of labour within the district are the Imperial Chemical Industries, Ltd. who have large chemical and plastic Works on the Northern boundary. There is still a large portion of the district devoted to agriculture. Many people are employed at the Offices of the Ministry of Health, Pensions and National Insurance, which are situated in our area.

VITAL STATISTICS.

Population at Census 1951.....15,437
 Population mid-1960. (Registrar-General's estimate)..18,540
 Number of inhabited houses at 31st December, 1960.... 7,485
 Average number of persons per house..... 2.4

BIRTHS.

During the year, 265 births were recorded by the Registrar-General, comprising 139 males and 126 females.

Birth Rate for district (adjusted): 15.0 per 1,000 as against 15.9 for 1959.

Still-births: 22.1 per 1,000 (live and still) births.

DEATHS.

Based on a population of 18,540, the Registrar-General gives the Death Rate (adjusted) as 14.4, compared with 15.8 for 1959.

The allocation to the various Wards of the district (after excluding transferable deaths and including local residents dying outside the district) is as follows:-

<u>Ward.</u>	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
North.	37	30	67
South.	28	30	58
East.	43	41	84
West.	49	39	88
	<hr/>	<hr/>	<hr/>
	157	140	297
	<hr/>	<hr/>	<hr/>

DEATH RATE PER 1,000 OF POPULATION FOR:

(1) Influenza.....	Nil
(2) Other Respiratory Diseases (all forms).....	0.54
(3) Pneumonia (all forms).....	0.38
(4) Tuberculosis - Pulmonary.....	0.22
(5) Tuberculosis - Non-Pulmonary.....	Nil
(6) Malignant Neoplasm. (Cancer).....	2.64

INQUESTS AND INQUIRIES.

During the year there were 19 Inquests and Inquiries on persons dying in this area, as follows:-

NORTH WARD.

- | | | |
|------------|------------|-------------------------------------------------------------------------|
| 1. Male. | 59 years. | Myocardial degeneration due to hypertension. |
| 2. Female. | 64 years. | Cerebral haemorrhage due to hypertension. |
| 3. Male. | 73 years. | Myocardial degeneration due to coronary athero sclerosis. |
| 4. Male. | 61 years. | Myocardial fibrosis due to coronary athero sclerosis. |
| 5. Female. | 84 years.) | Misadventure:- coal gas poisoning from a gas boiler at their residence. |
| 6. Male. | 83 years.) | |

SOUTH WARD.

- | | | |
|------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7. Male. | 58 years. | Cardiac Tamponade due to haemopericardium due to perforation of a myocardial infarction. |
| 8. Female. | 65 years. | Myocardial degeneration due to coronary athero sclerosis. |
| 9. Male. | 51 years. | Misadventure:- Contusion of the brain due to a fractured skull sustained when he fell to the ground from a ladder when cleaning windows on date of death. |
| 10. Male. | 61 years. | Coronary Thrombosis due to athero sclerosis. |
| 11. Male. | 66 years. | Cerebral haemorrhage due to hypertension. |

EAST WARD.

- | | | |
|-------------|-----------|------------------------------------------------------------------------------------|
| 12. Male. | 72 years. | Cardiac Tamponade due to haemopericardium due to rupture of myocardial infarct. |
| 13. Female. | 74 years. | Myocardial fibrosis due to coronary athero sclerosis due to coronary hypertension. |
| 14. Male. | 83 years. | Myocardial Infarction due to coronary athero sclerosis. |
| 15. Male. | 63 years. | Myocardial degeneration due to coronary athero sclerosis due to hypertension. |
| 16. Male. | 72 years. | Myocardial fibrosis due to coronary athero sclerosis. |

WEST WARD.

- | | | |
|-----------|-----------|-------------------------------------------------------------------------------|
| 17. Male. | 52 years. | Coronary occlusion due to athero sclerosis. |
| 18. Male. | 66 years. | Myocardial degeneration due to coronary athero sclerosis. |
| 19. Male. | 67 years. | Myocardial degeneration due to coronary athero sclerosis due to hypertension. |

AGES AT DEATH.

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Under 1 week... ..	2	2	4
1 week - 6 months..	1	-	1
6 months - 12 months...	-	-	-
TOTAL UNDER 1 YEAR	3	2	5
1 - 5 years	1	-	1
TOTAL UNDER 5 YEARS	4	2	6
5 - 15 years... ..	-	2	2
15 - 25 years..	3	1	4
25 - 45 years..	3	3	6
45 to 65 years. ...	35	21	56
65 year and over...	112	111	223
	<u>157</u>	<u>140</u>	<u>297</u>

CAUSES OF DEATH.

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Tuberculosis - Respiratory.	1	3	4
Other infective & parasitic diseases...	-	1	1
Malignant Neoplasm, stomach	4	5	9
Malignant Neoplasm, Lung, bronchus.	3	1	4
Malignant Neoplasm, breast.	-	7	7
Other malignant & lymphatic neoplasms..	21	8	29
Diabetes... ..	1	1	2
Vascular lesions of nervous system.	16	27	43
Coronary disease, angina... ..	35	13	48
Hypertension with heart disease	4	3	7
Other heart disease	36	34	70
Other circulatory disease..	6	2	8
Pneumonia..	2	5	7
Bronchitis.	6	1	7
Other diseases of respiratory system...	2	1	3
Ulcer of stomach & duodenum	1	-	1
Nephritis and nephrosis	-	1	1
Congenital malformations...	2	3	5
Other defined & ill-defined diseases...	11	20	31
Motor Vehicle accidents	4	1	5
All other accidents	2	3	5
ALL CAUSES - TOTAL.	157	140	297

INFECTIOUS DISEASE.

There were 241 cases of Infectious Disease notified during the year, as against 175 cases during 1959, and were as follows:-

Total cases notified:

Scarlet Fever.	25
Measles... ..	164
Erysipelas	1
Whooping Cough	14
Dysentery.	9
Chicken Pox... ..	18
Puerperal Pyrexia.	2
Food Poisoning	5
Pulmonary Tuberculosis	3

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The distribution in relation to the various Wards of the district is as follows:-

North. South. East. West. Total.

Scarlet Fever.	3	4	8	10	25
Measles... ..	52	30	47	35	164
Erysipelas	-	-	1	-	1
Whooping Cough	1	-	3	10	14
Dysentery.	-	-	9	-	9
Chicken Pox... ..	4	2	3	9	18
Puerperal Pyrexia. ...	-	1	1	-	2
Food Poisoning	-	-	-	5	5
Pulmonary Tuberculosis	1	-	-	2	3

61 37 72 71 241

FOOD POISONING OUTBREAKS.

No. of Cases.	No. of deaths.	Organisms or other agents responsible.	Foods involved.
5	-	Cl. Welchii.	Not known.

C A S E S N O T I F I E D.

The following Table shows the number of cases and the Months in which they were notified.

DISEASE.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL.
Scarlet Fever.	7	3	3	-	3	1	5	-	2	-	1	-	25
Measles.	20	10	1	1	-	4	25	4	16	14	25	44	164
Erysipelas.	-	-	-	-	-	-	-	-	1	-	-	-	1
Whooping Cough.	-	1	3	2	3	1	-	2	2	-	-	-	14
Dysentery.	-	9	-	-	-	-	-	-	-	-	-	-	9
Chicken Pox.	4	2	1	-	1	3	-	1	-	1	3	2	18
Puerperal Pyrexia.	-	-	-	-	-	-	-	1	-	-	1	-	2
Food Poisoning.	-	-	-	-	-	-	-	-	-	-	-	5	5
Pulmonary Tuberculosis.	-	-	-	-	-	-	-	-	3	-	-	-	3
TOTAL:	31	25	8	3	7	9	30	8	24	15	30	51	241

CASES NOTIFIED.AGE PERIODS.

DISEASE.	Under 1 year	1-2	2-3	3-4	4-5	5-10	10- 15	15- 20	20- 35	35- 45	45- 65	Over 65	TOTAL:
Scarlet Fever.	-	-	1	2	3	16	3	-	-	-	-	-	25
Measles.	5	9	19	14	17	100	-	-	-	-	-	-	164
Erysipelas.	-	-	-	-	-	-	-	-	-	-	1	-	1
Whooping Cough.	2	1	2	1	2	5	1	-	-	-	-	-	14
Dysentery.	-	-	-	1	-	6	-	-	1	1	-	-	9
Chicken Pox.	1	-	-	-	1	10	4	-	1	-	1	-	18
Puerperal Pyrexia.	-	-	-	-	-	-	-	-	2	-	-	-	2
Food Poisoning.	-	1	1	1	-	-	-	-	2	-	-	-	5
Pulmonary Tuberculosis.	-	-	-	-	-	1	-	1	-	-	1	-	3
TOTAL:	8	11	23	19	23	138	8	1	6	1	3	-	241

TUBERCULOSIS.

The following Table shows the age periods of the cases notified & deaths which have occurred.

AGE GROUPS.	NEW CASES.				DEATHS.			
	PULMONARY.		NON-PULMONARY.		PULMONARY		NON-PULMONARY.	
	MALES.	FEMALES.	MALES.	FEMALES.	MALES.	FEMALES.	MALES.	FEMALES.
1 - 5 yrs.	-	-	-	-	-	-	-	-
5 - 10 yrs.	-	1	-	-	-	-	-	-
10 - 15 yrs.	-	-	-	-	-	-	-	-
15 - 20 yrs.	1	-	-	-	-	-	-	-
20 - 25 yrs.	-	-	-	-	-	-	-	-
25 - 35 yrs.	-	-	-	-	-	-	-	-
35 - 45 yrs.	-	-	-	-	-	1	-	-
45 - 55 yrs.	-	1	-	-	-	1	-	-
55 - 65 yrs.	-	-	-	-	-	-	-	-
65 yrs. & over.	-	-	-	-	-	1	-	-
Age unknown.	-	-	-	-	1	-	-	-
TOTAL:	1	2	-	-	1	3	-	-

Council Offices,
THORNTON CLEVELEYS.

TO THE CHAIRMAN AND MEMBERS OF THE
THORNTON CLEVELEYS URBAN DISTRICT COUNCIL.

Mr. Chairman, . Ladies and Gentlemen,

I have the honour to present the Annual Report of the Sanitary and Cleansing Department of the Council for the year 1960.

The work of the department has continued satisfactorily during the year, although at times under pressure as a result of the expanding work of the department, in the main due to the rapid development of the district. The general high standard in the environmental health field has been maintained.

Once again much attention has been given to the inspection of all types of food premises and more improvements have been made, although there are a few premises in which some work required by the Council is still outstanding. The routine informal sampling of milk and ice cream has been continued and samples found to be unsatisfactory were repeated and satisfactory reports were received.

Under the provisions of the Housing Acts, many visits have been paid to unfit houses and some of these have been made fit by the service of notices on the owners, and those houses not repairable at a reasonable expense, have been represented to the Council. During the year the Thornton Cleveleys(Victoria Road East)Clearance Area was represented to the Council.

A weekly collection of domestic refuse has still been maintained, sometimes with difficulty as the result of the growth of the district. At the disposal tip at the River Wyre foreshore, tipping was carried out in accordance with Ministry's recommendations and very few complaints were received.

I wish to record my sincere thanks to the members of the Council and the Health Committee, for their ever-ready help and co-operation in all matters affecting the sanitary conditions of our district.

I especially thank the members of my staff for their helpful and loyal co-operation during the year.

I am,
Ladies and Gentlemen,

Yours faithfully,

A. E. BARNES.

Chief Public Health Inspector.

SANITARY CIRCUMSTANCES IN THE AREA.WATER SUPPLY.

The district is supplied by the Fylde Water Board, the water being of good quality, pleasantly soft and of a peaty nature. Only one outlying house depends on well water.

One sample of water was obtained from the mains supply and submitted for bacteriological examination; one sample was obtained for chemical analysis. Both samples were satisfactory. Thirteen samples of mains water were taken by the Fylde Water Board from a tap in the Council's Depot, for bacteriological examination and these proved satisfactory.

The water supply has been satisfactory in quality and quantity throughout the year.

Statistics.

Total number of houses supplied by Fylde Water Board..	7484
Total number of houses dependent upon well water.....	1
	<u>7485</u>

The only house in the district dependent upon well water is remote from any mains supply and it would be impossible, except at exorbitant cost, to have it connected to the mains supply.

DRAINAGE AND SEWERAGE.

Owing to the flat nature of the district, a system of electrical pumps and ejectors worked by compressed air, is in operation. The sewage is discharged near dead low water mark into the sea. No extensive additions were made to the sewers during the year, but additions were made to drain new housing estates.

Statistics.

Dwelling-houses using water carriage system.....	7463
Dwelling-houses using waste water closets.....	-
Dwelling-houses using privy middens.....	1
Dwelling-houses using pail closets.....	20
Dwelling-houses dependent upon well water.....	<u>1</u>
	<u>7485</u>

Conversions during the year.

There were two conversions during the year, three fresh water closets being provided in lieu of two pail closets, and were in respect of Rugby Club premises.

It will not be possible for further conversions to take place until the sewers are extended. The 21 houses without modern sanitary accommodation are farms or outlying cottages and to which no sewers are available. There is still one privy midden which has not yet been converted to a pail closet.

DRAINAGE.

There are some premises in the district which are not connected to the Council's sewers, but which have septic tanks and filters, some of which discharge to adjacent watercourses. Some of these are not satisfactory but are mostly in districts where no sewers are available.

During the year a satisfactory drainage system comprising a septic tank and filter for two bungalows, was provided under the provisions of Section 39 of the Public Health Act, 1936.

IMPROVEMENTS OBTAINED AS A RESULT OF ACTION BY THE DEPARTMENT.

Drains relaid.....	1
Provision of new sewage disposal unit.....	1
Additional W.Cs. provided.....	6
Wastepipes provided or repaired.....	6
Drains cleansed from obstruction.....	271

The department employs a man part-time on drainage work, the cost of clearing and cleansing the blocked drains being borne by the owner or occupier. This service to the public is much appreciated and also helps in the efficient working of the department. Preparation and service of notices is thus avoided, unless the blockage is due to structural defect of the drains.

PUBLIC CLEANSING.

The work of the Public Cleansing section of the department has proceeded in a satisfactory manner. The collection of household refuse and salvage was carried out by a "W" type S.D. 16 cu.yd. side-loading freighter and two fore and aft tippers - "W" type - all with cabs to accommodate driver and loaders. A special weekly collection of wastepaper salvage from shops and business premises was carried out by one 11 cu.yd. S.D. freighter. It was obvious during the year that it would be necessary to provide a replacement vehicle and an order was placed for a Diesel fore and aft tipper-type vehicle.

Throughout the year a weekly collection of refuse and salvage from all premises in the district, was maintained. This is essential if we are to maintain our salvage collection. It was found necessary to implement the number of employees engaged on this work from time to time, to maintain this standard.

Costings-Refuse Collection (Year Ending 31.3.1961).

	£	£
Total gross cost involved-collection of house, shop & trade refuse.....		14,375
Net cost of Salvage: Sales.....	1,980	
Cost.....	<u>2,076</u>	<u>96</u>
		14,471
Income - Trade Refuse, etc.....		<u>168</u>
		<u>14,303</u>
Expenditure per 1,000 houses per annum.....		£1,911
Expenditure per 1,000 population per annum....		£771.

DISPOSAL OF REFUSE.

All the refuse collected was disposed of by controlled tipping methods on land owned by the Council at the River Wyre foreshore and this land is gradually being filled up. The Council were in negotiation for the purchase of additional land adjacent to the present site. When covered, the whole area will be suitable as recreational areas as the Council wish to decide. Little trouble was experienced with the embankment which the Council had constructed at the start of this scheme.

Tipping was commenced on the second level which will form the finished level of the reclamation scheme. The costs involved in the maintenance of the embankment were very low.

Costings-Refuse Disposal (Year Ending 31.3.1961).

Number of loads.....	2,168
Estimated weight(tons).....	7,588
Total Cost.....	£1,196
Cost per ton.....	3/2d.
Cost per 1,000 houses per annum.....	£159
Cost per 1,000 population per annum.....	£64

Costings-Refuse Collection and Disposal.
(Year Ending 31.3.1961).

Total Cost.....	£15,499
Cost per 1,000 houses per annum.....	£2,071
Cost per 1,000 population per annum.....	£836

COLLECTION AND DISPOSAL OF SALVAGE.

The Council continued with the collection of waste-paper and other salvage during the year, although there was little call for iron and metals. The price for wastepaper during the year was £7. per ton. The total of paper and other salvage collected was approximately 7 tons more than in 1959. During the 20 years ending 31st December, 1960, 5,440 tons of salvage have been disposed of for a sum of £33,732; a yearly average over the period of 272 tons collected and income of £1,687.

Thanks are due to all the workmen engaged in refuse and salvage collection and disposal, for the co-operation they have given during the year.

SALVAGE DISPOSED OF DURING YEAR ENDING 31st DEC.1960.

	tons.	cwts.	lbs.	£.	s.	d.
Wastepaper.....	267.	1.	91.	1,869.	12.	8.
Rags.....	1.	1.	99.	16.	15.	11.
Lead.....			7.		3.	6.
Brass.....			87.	3.	8.	3.
Aluminium.....		3.	54.	19.	10.	0.
Copper.....			45.	2.	16.	3.
	<u>268.</u>	<u>8.</u>	<u>47.</u>	<u>1,912.</u>	<u>6.</u>	<u>7.</u>

REFUSE COLLECTION STATISTICS.

	1959.
Estimated tonnage collected.....	7,126
Total mileage run by vehicles.....	22,564
Number of visits to premises.....	393,509
Number of ash bins emptied.....	426,522

EMPLOYEES.

Foreman.....	1
Motor Drivers.....	4
Refuse and Salvage Collectors.....	15
Paper Balers.....	1
Tip Attendants.....	1

Total: 22

The above figures show the minimum labour requirements of the department at present, but it is necessary from time to time to increase this labour force due to the growth of the number of houses in the district and the fact that during the holiday period, additional collections have to be given. The cost of the collection of refuse has to be kept under constant review or it could become a very expensive item.

MONTHLY ANALYSIS OF REFUSE COLLECTION AND DISPOSAL.

<u>Month.</u>	<u>Loads.</u>	<u>Visits to premises.</u>	<u>Ashbins emptied.</u>	<u>Mileage.</u>
January.	134	30,524	32,976	1,841
February.	130	28,996	31,761	1,737
March.	184	35,574	38,238	2,168
April.	168	31,123	34,379	1,985
May.	140	27,952	30,083	1,616
June.	180	35,701	38,551	2,012
July.	144	29,577	31,956	1,849
August.	200	37,663	40,878	1,998
September.	184	33,900	37,487	1,836
October.	178	31,604	35,453	1,700
November.	202	37,019	40,536	1,947
December.	192	33,876	34,224	1,875
	<u>2,036</u>	<u>393,509</u>	<u>426,522</u>	<u>22,564</u>

It is established that the "W" type vehicles have an average load capacity of 3 tons 10 cwts. and it is assumed that we disposed of 7,126 tons during the year. The present system is under review and some reorganisation will be necessary.

All the figures quoted above, show substantial increases over the previous year and due to the number of new premises which are constructed each year, we have to face continual increased demands on the service.

SANITARY INSPECTIONS.

The following table shows the number of inspections carried out during the year.

Number of premises visited.....	4626
Number of defects or nuisances discovered.....	414
Number of defects or nuisances abated.....	400
Number of informal notices served.....	41
Number of Statutory Notices served.....	3

WORK CARRIED OUT.Sanitary Accommodation:

New pedestals provided.....	1
New flushing cistern provided.....	1
New flushing cistern repaired.....	1
Additional W.Cs. provided.....	6
W.C. basins cleansed, repaired or limewashed.....	6
I.V.S. provided.....	3
Screening of W.C.....	1
Provision of new sewage disposal unit.....	1

Drainage and Yards:

Provision of inspection chambers.....	1
Waste pipes provided or repaired.....	4
Drains relaid.....	1
Flooded cellars emptied.....	1
Drains cleansed from obstruction.....	271

Housing:

Chimney pots provided & repointing of stacks.....	4
Dampness eliminated.....	16
Defective floors repaired.....	8
Sub-floor ventilation improved.....	1
Defective doors repaired.....	3
New sinks provided.....	1
Roofs repaired & made weatherproof.....	14
Windows repaired and made to open.....	5
Defective spouting and eavesgutters repaired.....	8
Defective walls and ceilings repaired.....	10

Miscellaneous:

Noise, smell and smoke nuisances dealt with.....	4
Midden stead to piggery built.....	1
Offensive accumulations removed.....	8
Hen battery cabin cleared.....	1

SUMMARY OF VISITS MADE.

Number of complaints received and investigated.....	628
Visits to defective drains and drains tested.....	135
Drains cleansed from obstruction.....	271
Visits to owners, agents and contractors.....	36
Inspection of dairies, milkshops, vehicles, machines.....	19
Visits to Food premises—Food Hygiene Regulations.....	320
Visits re unsound foodstuffs.....	38
Visits to premises where ice cream is sold.....	123
Visits re hen and pig keeping.....	11
Inspection of shops - Shops Act, 1950.....	793
Samples taken - Ice Cream.....	53
Milk.....	122
Water.....	2
Ice Lollies.....	8
Visits to factories and workplaces.....	214
Visits to caravans and sites.....	34
Visits to cases of Infectious Disease.....	393
Visits re Rodent Control (Eradication).....	691
Visits re Rodent Control (Search and Survey).....	315
Visits re test-baiting of foul sewers.....	727
Visits re other vermin.....	48
Visits re refuse & salvage collection & disposal.....	2196
Articles and books disinfected.....	45
Premises disinfected.....	14
Articles destroyed.....	33
Enquiries re Council house tenancies.....	200
Inspection of Council houses.....	12
Visits re Improvement Grants.....	77
Housing Survey - Sub-Standard houses.....	71
Housing Inspections - Housing Act.....	333
Housing Inspections - Public Health Act.....	23
Nuisances dealt with.....	29
Smoke, smell and noise observations.....	23
Visits re flooded land, gardens & water under floors...	48
Visits to dykes and watercourses and ponds in area.....	3
Re-visits to work ordered or in progress.....	444
Visits to offices.....	36
Visits re water supply.....	9
Visits re Rent Act.....	4
Visits re septic tanks and water closets.....	27
Visits re National Assistance Acts.....	17
Visits re sanitary accommodation at schools.....	1
Inspection of beach.....	7
Miscellaneous Inspections.....	124

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PUBLIC HEALTH ACT, 1936.
HOUSING ACT, 1957.

Details of Statutory Notices Served.

<u>Act and Section.</u>	<u>Reason for Notices.</u>	<u>No. of Notices served.</u>	<u>No. complied with at end of year.</u>
Housing Act, 1957, Section 9.	Housing defects.	2	-
Public Health Act, 1936. Sec. 93.	Nuisances.	2	1
Public Health Act, 1936. Sec. 45.	Defective W.Cs.	2	2
Public Health Act, 1936. Sec. 75.	Provision of dustbin.	1	1

CLEAN AIR ACT, 1956.

There are no smoke control areas in the district and none are contemplated in the near future. Some complaints were received regarding alleged smoke nuisances and these were investigated and appropriate action taken. Some complaints were received regarding fumes and smell and active co-operation was received from H.M. Alkali Inspector; as a result of this, improvements have taken place at one large Works in the area, with a view to mitigating any possible cause for complaint.

OFFICES ACT, 1960.

It is known that there are more than 40 offices in the district and this number is constantly growing. The above Act comes into operation on the 1st January, 1962, and it is proposed to carry out a survey of all the offices. In this connection, 36 inspections were carried out during the year.

SWIMMING BATHS AND POOLS.

There is no public swimming bath in the area but there is one privately-owned pool which is open to the public.

OFFENSIVE TRADES.

There are 10 in number and are confined exclusively to fish friers. Regular inspections are made and conditions generally are found to be satisfactory.

RAG FLOCK & OTHER FILLING MATERIALS ACT, 1951.

No premises in the area are licensed for the manufacture of rag flock or other filling materials. There are two premises on the register where filling materials are used. Inspections were carried out, the provisions of the Act being complied with.

PET ANIMALS ACT, 1951.

One pet shop was on the register at the end of the year. Inspections have been carried out and the premises appear to be conducted in a proper manner, the provisions of the Act being complied with.

DISEASES OF ANIMALS(WASTE FOODS)ORDER, 1957.

Upon the application of the Council, the County Council delegated their functions under the above Order, to us as and from the 1st July, 1959.

1. Number of plants licensed at time of delegation.....	3
2. Number of plants licensed since delegation.....	9
3. Number of licences cancelled or revoked.....	0
4. Number of prosecutions.....	0

PUBLIC HEALTH AMENDMENT ACT, 1907.SECTION 86.DEALERS IN OLD METAL AND MARINE STORE DEALERS.

The provisions of the above Act are in operation and two Certificates are in existence in respect of premises in the Thornton area.

DISINFECTION.

Disinfection is carried out by means of a formalin spray or by formalin fumigators. A Thresh steam disinfector is in the Council's Depot and is used for bedding, clothing, books, etc. Disinfection is carried out on request in houses where deaths have occurred from cancer, infectious disease cases removed to hospital and all cases where deaths have occurred from pulmonary tuberculosis.

Total number of infectious diseases notified...	241
Total number of premises disinfected.....	14
Total number of articles disinfected.....	43
Total number of articles destroyed.....	33

SCHOOLS.

The general condition of the schools in the area can be considered satisfactory, each being supplied with Fylde Water and in each case modern water closets are provided. The six schools(excluding private schools) are under the control of the Lancashire Education Committee and are inspected as required.

DESTRUCTION OF DOMESTIC PETS.

Destruction is now mainly carried out by chloroform and for a charge of 1/- any person can have a dog or cat painlessly destroyed. The department undertakes the proper disposal of the carcasses.

Number of dogs destroyed in 1960.....	43
Number of cats destroyed in 1960.....	<u>59</u>
	<u>102</u>
Income from destruction of animals.....	£5. 2. 0.
Income from sale of carcasses.....	<u>£5. 0. 0.</u>
	<u>£10. 2. 0.</u>

SHELL FISH.

There are no shell fish beds in our area.

MORTUARY.

A modern mortuary possessing equipment in accordance with present day practice, has been in use throughout the year. It was used on 58 occasions and 54 post-mortems were conducted by the Police Surgeon. During the year an adjacent Borough Council had the joint temporary use of our mortuary. This arrangement is still in operation and is proving satisfactory.

MOVEABLE DWELLINGS & CAMPING SITES.

The control of moveable dwellings and camping sites in this area is under the Thornton Cleveleys Improvement Act, 1936, and not the Public Health Act, 1936. The Caravan Sites and Control of Development Act, 1960, came into force on the 29th August, 1960 and deals with the control and licensing of sites. Applications have been received in respect of the three existing sites and were under consideration at the end of the year. Particulars of the sites are as follows:-

No.1. Site.....	Permitted No: 206
No.2. Site.....	Permitted No: 40
No.3. Site.....	Permitted No: 30

No doubt, as a result of the new Act, the numbers permitted on the sites will be reduced and certain additional sanitary accommodation will be necessary.

Each site has been conducted in a satisfactory manner and there has been no cause for serious complaint from a sanitary point of view. Number 1 site is used as a holiday site only and Numbers 2 and 3 sites are used as residential sites.

VERMINOUS PREMISES.

Several complaints received during the year were thoroughly investigated, advice and help being given. Eradication of bed bugs is carried out by private contractors using hydrogen cyanide gas. Minor and new infestations are dealt with by the department in co-operation with the tenants or owners concerned.

Number of complaints received & eradications carried out.

Ants.....	7
Beetles.....	3
Cockroaches.....	7
Bugs.....	2
Wasps.....	9
Flies.....	1

SHOPS ACT, 1950.

A survey of shops was carried out twice during the year and for this purpose 793 inspections were made. Shops coming within the scope of the Factories Act have been included in the following list, the record of inspections being included under Factories.

Particulars of Shops visited.

Grocers and Mixed Businesses.....	60
Bakers and Confectioners.....	19
Sweets, tobacco, newsagents, stationers.....	42
Drapers, fancy goods, china and antiques.....	39
Ladies and Gents Hairdressers.....	32
Outfitters and Milliners.....	24
Fried Fish shops.....	10
Butchers shops.....	22
Boot and Shoe Retailers and Repairers.....	14
Greengrocers, Fishmongers and Florists.....	25
Chemists and Herbalists.....	11
Electric, gas, radio, T.V., cycle & car dealers, etc....	17
Hardware.....	17
Off Licences.....	7
Plumbers and Painters.....	7
Furnishers.....	8
Pet Stores.....	1
Opticians.....	2
Dyers and Cleaners and Agents.....	5
Watch Repairers.....	4
Photographic Studio.....	1
Second Hand Dealers.....	2
Booking Offices and Travel Agencies.....	2
Markets.....	2
Multiple Stores.....	1
Laundrette.....	1

R O D E N T C O N T R O L .

The test-baiting of the foul sewers was carried out during the year and for this purpose 240 manholes were test-baited. There were "takes" at two of the manholes and the necessary action was taken.

The charges for treatment are as follows:-

Private dwelling-houses..... 8/-d.
Boarding houses, hotels,
business premises..... Time @ 8/- hr. plus
cost of baits used.

Statistics for year. (1st Jan. to 31st Dec. 1960).

Number of complaints received.....	78
Number of infestations.....	71
Number of visits for purposes of eradication.....	1173
Number of premises successfully treated by L.A.....	63
Number of visits made - "Search & Survey".....	315

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

It was not found necessary to serve any Notices under the provisions of the above Act. A few intimation notices were served and these were sufficient to secure the co-operation of the people concerned. We experienced no difficulty in regard to the operation of the Act.

Statistics for 12 months ended 31.12.60.

	Type of Property.		
	Non-Agricultural.		Agricultural.
	Dwelling-houses.	All other.	
a) No. of properties in district..	7485	660	60
b) No. of properties inspected....	65	969	9
c) Total inspections carried out. (incl. re-inspections).....	362	1100	26
d) No. of properties inspected which were found to be infested by:-			
Rats - major.....	-	6	4
Rats - minor.....	26	14	4
Mice - major.....	-	1	-
Mice - minor.....	5	11	-
e) No. of infested properties treated.....	28	29	6
f) Total treatments carried out.. (incl. re-treatments).....	28	29	6
g) No. of "Block" control schemes carried out.....	-	-	-

FACTORIES ACT, 1937.

Records are kept of all premises coming within the scope of the Factories Act and regular inspections are made. Particulars of inspections, defects, contraventions found and remedied, are enumerated in the following tables. There are no under-ground bakehouses in the district.

1. Inspection of Factories & Other Premises.

Premises.	No. on Register.	Inspections.	Written Notices.
Factories (without mechanical power).....	29	36	-
Factories (with mechanical power).....	123	178	-
Total:	152	214	-

2. Defects found in Factories & Other Premises.

	No. of cases in which defects were found:	
	Found:	Remedied:
Sanitary Conveniences:		
a) Unsuitable or defective..	1	1
b) Dirty.....	1	1
c) Insufficient.....	2	2
Total:	4	4

3. The following Table gives the type of premises in the area coming within the scope of the Act.

	With Mechanical Power.	Without Mechanical Power.
Bakehouses.....	20	-
Plumbers and painters.....	3	9
General Workers.....	26	4
Joiners and Builders.....	14	2
Motor Engineers.....	11	1
Nurserymen.....	5	13
Boot and shoe repairers.....	10	-
Hairdressers.....	30	-
Chemical, Alkali, Plastic Works..	4	-
Total:	123	29

H O U S I N G.Number of new houses erected during 1960:

- (i) By the local authority..... 42
(ii) By other bodies or persons..... 568
(iii) Total number of houses in area..... 7485

New Houses erected in 1960. (Ward Distribution).

North Ward.....	135
South Ward.....	27
East Ward.....	267
West Ward.....	181
	<u>610</u>

1. Inspection of dwelling-houses during year:

- (1) (a) Total No. of dwelling-houses inspected formally or informally for housing defects (under Public Health or Housing Acts)..... 142
(b) No. of inspections, formal or informal, made for the purpose..... 404
(c) No. of dwelling-houses in (a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit..... 25

2. Houses Demolished:In Clearance Areas:

- (1) Houses unfit for human habitation.....
(2) Houses included by reason of bad arrangement, etc.....
(3) Houses on land acquired under Section 43(2), Housing Act, 1957.....

Not in Clearance Areas:

- (4) As a result of formal or informal procedure under Section 17(1), Housing Act, 1957.....
(5) Local Authority owned houses certified unfit by Medical Officer of Health....
(6) Houses unfit for human habitation where action has been taken under local Acts..
(7) Unfit houses included in Unfitness Orders.....

Houses Demolished.	Displaced during year.	
	Persons.	Families.
-	-	-
-	-	-
-	-	-
1	2	1
-	-	-
-	-	-
.....

3. Unfit Houses Closed:-

	Number	Displaced during year.	
		Persons	Families.
(1) Under Secs.16(4),17(1),and 35(1),Housing Act,1957.....	3	9	4
(2) Under Secs.17(3) and 26, Housing Act,1957.....	-	-	-
(3) Parts of buildings closed under Sec.18, Housing Act,1957.....	-	-	-

4. Unfit Houses made Fit and Houses in which defects were remedied:-

	By Owner.	By L.A.
(1) After informal action by L.A...	38	-
(2) After formal notice under:		
(a) Public Health Acts.....	2	-
(b) Housing Act,1957,Secs. 9 and 16.....	3	1
(3) Under Sec.24,Housing Act,1957..	-	-

5. Unfit houses in Temporary Use - Housing Act,1957:-

	No.of houses:	No.of separate dwellings contained in Col.(1).
<u>Position at end of year:</u>	(1)	(2)
(1) Retained for temporary accommodation -		
(a) Under Sec.48.....	-	-
(b) Under Sec.17(2).....	-	-
(c) Under Sec.46.....	-	-
(2) Licensed for temporary occupation under Secs.34 or 53.....	-	-

6. Purchase of Houses by Agreement:-

	No.of Houses:	No.of occupants of houses in Col(1).
	(1)	(2)
Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased during the year.	-	-

7. Housing Act, 1949 and Housing (Financial Provisions) Act, 1958 - Improvement Grants, etc:-

Action during year:	Private bodies or individuals:		Local Authority:	
	No. of schemes.	No. of dwelling-houses or other buildings affected.	No. of schemes	No. of dwelling-houses or other buildings affected.
(a) Submitted by private individuals to L.A.	9	9	-	-
(b) Approved by L.A.	3	3	-	-
(c) Submitted by L.A. to Ministry.	-	-	-	-
(d) Finally approved by Ministry.	-	-	-	-
(e) Work completed.	4	4	-	-
(f) Additional separate dwellings included in (e) above.	-	-	-	-

8. House Purchase and Housing Act, 1959-Standard Grants:-

Action during year:	No. of dwellings or other buildings affected.
(a) Applications submitted to Local Authority.	13
(b) Applications approved by Local Authority.	9
(c) Work completed.	10

RENT ACT, 1957.

One application was received during the year and the necessary Certificate Form P. was issued. This was a Certificate as to the remedying of defects specified in a landlord's undertaking to remedy defects.

HOUSING ACT, 1957. SEC. 16.

1. Individual houses reported upon to Council.....	1
2. Demolition Orders made.....	3
3. Undertakings accepted - "house ceased to be used for habitation".....	-
4. Undertakings accepted - "render house fit for habitation".....	2
5. Works completed during year in respect of undertakings.....	1
6. Undertakings outstanding at end of year.....	1
7. Houses demolished during year.....	1
8. No. of families re-housed in Council houses.....	10

HOUSING ACT, 1957. SEC. 42.

1. Clearance Areas reported to Council.....	1
2. Number of houses in Clearance Area.....	6
3. Number of Orders confirmed.....	1

M I L K S U P P L Y.

There are three dairies registered under the Milk and Dairies Regulations. These have been regularly inspected and particular attention has been paid to the cleanliness of the premises and equipment coming into contact with the milk.

The bulk of the milk consumed in this area is supplied by large dairies from outside the district and regular sampling of all designations of milk is carried out.

Distributors registered by Local Authority.

Distributors with premises in district(including shops)..45
Distributors with premises outside district.....10

Licences in force - Designated Milks.
(Including Supplementary).

Tuberculin Tested milk.....28
Pasteurised & Tuberculin Tested(Pasteurised)milk.....103
Sterilised milk.....35

MILK SAMPLES - TUBERCLE BACILLI
INOCULATION TEST.

	Absent.	Present.
Tuberculin Tested milk.	4	-

MILK SAMPLES.

Type.	No. of Samples.	Satisfactory.	Unsatisfactory.	Void Samples.
Raw Milk(T.T.)				
(i) Methylene Blue Test.....	31	20	10	1
Heat Treated Milk.				
(i) Methylene Blue Test.....	91	77	11	3
(ii)Phosphatase Test. }		89	2	-
(iii)Turbidity Test.....	2	2	-	-

FOOD AND DRUGS ACT, 1955.NUMBER OF FOOD PREMISES BY TYPE OF BUSINESS,
IN DISTRICT AT END OF YEAR.

TYPE OF BUSINESS.	NUMBER.
General grocers and provision dealers.....	60
Greengrocers and fruiterers(including those selling wet fish, game, etc.).....	16
Fishmongers(including those selling poultry, game, etc.).....	4
Meat shops(butchers, purveyors of cooked and preserved meats, tripe, etc.).....	22
Bakers and/or confectioners.....	19
Fried fish shops.....	10
Shops selling mainly sugar confectionery, minerals, ice-cream, etc.....	33
Licensed premises, clubs, canteens, cafes, restaurants, snack bars and similar catering establishments.....	44

NUMBER OF FOOD PREMISES, BY TYPE, REGISTERED
UNDER SEC.16 OF FOOD AND DRUGS ACT,1955;
LANCASHIRE COUNTY COUNCIL ACTS OR OTHER
LOCAL ACTS.

TYPE OF BUSINESS.	NO.REGISTERED at 31.12.60.	NO. OF INSPECTIONS
Manufacturers of preserved food.....	32	Inspections carried out when visit- ing under Food Hygiene Regulations.
Premises registered for manufacture of Ice Cream..	2	
Premises registered for sale of Ice Cream.....	101	
Premises in area registered for Food		
Hawkers.....	13	

FOOD AND DRUGS ACT, 1955.

The following information has been supplied by the County Medical Officer of Health, (Dr. S. C. Gawne), with reference to the number of samples taken in this area by the County Public Health Inspectors.

Milk Samples.....	50
Food Samples.....	35
	<u>85</u>
Table jelly.....	2
Whisky.....	2
Gin.....	1
Flour confectionery.....	2
Cut mixed peel.....	1
Powdered gelatine.....	1
Butter.....	2
Coffee & chicory extract..	1
Vitamin tablets.....	1
Camphorated oil.....	1
Cake mix.....	1
Drinking chocolate.....	1
Cream cakes.....	1
Semolina.....	1
Blancmange powder.....	1
Soft drink.....	1
Brandy.....	2
Rum.....	1
Mincemeat.....	1
Meat paste.....	1
Cooking oil.....	1
Treacle.....	1
Fish, canned.....	2
Compound Codeine tablets.	1
Meat pies.....	1
Pancake mixture.....	1
Malt & cocoa beverage....	1
Castor oil.....	1
Beef pies.....	1

All of the samples were found, on analysis by the County Analyst, to be genuine.

UN SOUND FOODSTUFFS.

It was found necessary, after examination and tests, to accept the voluntary surrender of the following food-stuffs.

<u>Foodstuffs:</u>	<u>Tins.</u>	<u>Weight.</u>		
		cwts.	lbs.	ozs.
<u>Meat:</u>				
Ham.....	14	1.	23.	7.
Stewed Steak.....	4		28.	0.
Corned Beef.....	6		36.	0.
Tongue.....	8		35.	12.
Liver.....	2		15.	8.
Loin of Mutton.....	-	1.	15.	8.
<u>Fruit:</u>				
Plums.....	36		42.	12.
Grapefruit.....	2		7.	7 $\frac{1}{2}$
Apples(11 boxes).....	-	3.	104.	0.
<u>Miscellaneous:</u>				
Frozen Eggs.....	2		28.	0.
	<u>74</u>	8.	0.	6 $\frac{1}{2}$

METHOD OF DISPOSAL OF CONDEMNED FOODS.

Occasionally condemned foodstuffs are burned in the Council's boiler, but mainly they are disposed of by burying on the Council's refuse tip.

ICE CREAM.

101 dealers were on the register at the end of the year and regular inspections were carried out at these premises.

ANALYSIS OF SAMPLES OF ICE CREAM.

Ref. No.	Methylene Blue Test. Provisional Grade:				Satisfactory or Not.
	1	2	3	4	
1	1	-	-	-	Yes
2	1	-	-	-	Yes
3	1	-	-	-	Yes
4	1	-	-	-	Yes
5	1	-	-	-	Yes
6	1	-	-	-	Yes
7	1	-	-	-	Yes
8	1	-	-	-	Yes
9	-	-	1	-	No
10	-	-	1	-	No
11	1	-	-	-	Yes
12	-	-	1	-	No
13	-	-	1	-	No
14	1	-	-	-	Yes
15	1	-	-	-	Yes
16	-	1	-	-	Yes
17	1	-	-	-	Yes
18	-	1	-	-	Yes
19	1	-	-	-	Yes
20	1	-	-	-	Yes
21	1	-	-	-	Yes
22	1	-	-	-	Yes
23	-	1	-	-	Yes
24	1	-	-	-	Yes
25	-	1	-	-	Yes
26	1	-	-	-	Yes
27	1	-	-	-	Yes
28	1	-	-	-	Yes
29	1	-	-	-	Yes
30	-	-	1	-	No
31	1	-	-	-	Yes
32	1	-	-	-	Yes
33	1	-	-	-	Yes
34	-	1	-	-	Yes
35	1	-	-	-	Yes
36	1	-	-	-	Yes
37	1	-	-	-	Yes
38	-	1	-	-	Yes
39	1	-	-	-	Yes
40	1	-	-	-	Yes

ICE CREAM SAMPLES. (CONTD.)

Ref No.	Methylene Blue Test. Provisional Grade:				Satisfactory or Not.
	1	2	3	4	
41	1	-	-	-	Yes
42	1	-	-	-	Yes
43	-	-	-	1	No
44	1	-	-	-	Yes
45	1	-	-	-	Yes
46	-	-	1	-	No
47	1	-	-	-	Yes
48	1	-	-	-	Yes
49	1	-	-	-	Yes
50	1	-	-	-	Yes
51	1	-	-	-	Yes
52	1	-	-	-	Yes
53	1	-	-	-	Yes

Ice Cream Samples taken..... 53

Number Satisfactory..... 46

Number Not Satisfactory..... 7

ICE CREAM(HEAT TREATMENT ETC.)REGULATIONS,1959.

Under the above Regulations, 8 samples of Ice Lollies were obtained and submitted to the Public Health Laboratory, Preston, for pH Values. As a result of these investigations, it was found that the pH Values varied from 3.0 to 4.0 and consequently, these were exempted from the Heat Treatment provisions of the above Regulations.

Reference No.pH Values.

1/IL/60

3.2

2/IL/60

3.0

3/IL/60

3.4

4/IL/60

3.5

5/IL/60

3.2

6/IL/60

3.0

7/IL/60

3.0

8/IL/60

4.0

INSPECTION AND SUPERVISION OF FOOD.FOOD HYGIENE(GENERAL)REGULATIONS, 1960.

Regular inspections have been carried out to all premises coming within the scope of the Food Hygiene Regulations. Much work has been done and on the whole, co-operation has been fairly good. The work involved has been tremendous and has meant hundreds of additional inspections during the past three years.

The following table shows the number of the various food premises inspected; the number where work is completed and the number where work was still outstanding at the end of 1960.

Description of Premises.	No. of Premises	No. where work is completed.	No. where work is still out-standing.
Boarding establishments (including Boarding Houses, Private and Licensed Hotels..	145	119	26
Grocers Shops.....	53	46	7
Grocers/Greengrocers Shops...	6	6	-
Cafes and Snack Bars.....	22	19	3
Butchers Shops and their Preparation Rooms.....	22	19	3
Bakehouses & Confectioners...	20	19	1
Fish Frying Premises.....	10	9	1
Public Houses & Licensed Clubs.....	13	5	8
Wet Fish Shops(including Wet Fish/Greengrocers).....	11	11	-
Greengrocers.....	7	7	-
Canteens(Factory & School)...	9	7	2
Sweet Factories.....	2	2	-
Miscellaneous Premises.....	2	2	-
TOTAL:	322	271	51

METEOROLOGICAL OBSERVATIONS.

The rainfall is taken daily at 9.0 a.m. at the Council's Depot,
and reports are placed monthly before the Council.

YEAR.	JAN.	FEB.	MARCH	APRIL	MAY.	JUNE.	JULY.	AUG.	SEPT	OCT.	NOV.	DEC.	TOTAL.
1940	2.60	1.65	3.25	1.76	1.71	0.40	2.77	1.15	2.37	3.62	4.51	3.20	28.99
1941	1.18	3.49	2.29	0.72	3.10	0.57	0.94	2.42	0.90	4.10	1.95	1.03	22.69
1942	3.04	1.47	2.22	1.53	2.93	0.77	3.02	3.85	2.32	3.31	0.81	3.36	28.63
1943	5.83	1.74	0.55	1.92	3.29	2.10	4.63	4.74	4.78	4.50	2.73	1.56	38.37
1944	3.59	1.00	0.49	3.20	2.38	1.79	2.76	3.19	4.27	4.43	6.27	3.73	37.10
1945	2.29	4.54	1.57	1.70	3.40	2.80	2.59	0.71	3.48	5.21	0.15	2.93	31.37
1946	4.99	3.71	0.93	1.06	1.91	2.42	3.73	4.15	5.06	0.57	6.09	4.26	38.88
1947	2.95	0.55	4.81	3.21	4.57	2.43	3.16	0.66	3.45	0.50	3.73	2.08	32.10
1948	6.19	1.58	1.62	1.21	1.33	5.03	1.79	3.09	4.68	3.20	2.73	2.39	34.84
1949	1.85	1.36	1.74	2.77	3.04	0.30	3.21	2.55	0.79	4.74	3.35	5.25	30.95
1950	1.56	4.05	1.67	2.02	0.75	1.47	2.78	6.60	6.33	3.27	4.39	2.60	37.49
1951	4.03	3.19	4.67	1.10	3.34	1.04	1.52	3.37	3.74	1.53	9.04	7.61	44.18
1952	2.94	0.79	2.26	2.87	2.71	2.41	1.42	3.51	3.56	3.73	1.71	3.24	31.15
1953	1.52	0.85	0.54	2.66	2.07	1.62	4.60	3.86	5.18	1.78	4.57	1.85	31.10
1954	2.44	3.47	2.07	1.08	2.88	4.17	4.65	4.96	7.16	10.07	7.77	4.62	55.34
1955	2.77	2.42	1.64	2.05	2.58	4.51	2.29	1.22	3.14	3.04	2.29	4.40	32.35
1956	4.64	0.42	1.36	2.25	1.91	2.35	4.44	12.96	4.08	3.39	2.10	4.79	44.69
1957	4.36	3.39	2.56	0.41	3.74	2.20	4.16	5.73	6.07	6.53	1.69	5.25	46.09
1958	4.52	6.28	1.52	1.52	4.00	4.09	3.19	3.39	3.65	4.15	1.92	3.39	41.62
1959	3.46	0.49	2.56	3.13	1.57	3.91	4.17	0.42	0.39	3.95	4.33	7.51	35.89
1960	5.51	3.00	1.42	2.24	2.81	1.47	5.03	3.06	3.55	2.73	8.48	3.81	43.11

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